Deaths &

Property &

Event Type and Details

Date/Time

Location

County.

		Injuries	Crop Dmg	
LAKE MICHIGAN				
LAKE WICHIGAN				
WIND PT LT WI TO WINTHROP HBR IL COUNTY 1	1.2 ENE KENOSHA [42.59,	-87.81]		
(06/08/09 15:20 CST		0	Marine Thunderstorm Wind (MG 47 kt)
C	06/08/09 15:20 CST		0	Source: Official NWS Observations
A line of severe thunderstorms developed in the wa	ırm sector ahead of an app	proaching low pr	essure system. W	arm, moist air and
MLCAPE values of 1000-1500 J/kg continued to fuel	I the storms as they move	d across souther	rn Wisconsin. The	ese storms produced
damaging winds as they moved from Southeast Wis		_		
Winthrop Harbor IL. Hail up to 1/5 inches in diamete	•	ay from Lake Mid	chigan with these	storms, however, no
reports of hail over the nearshore waters were recei	ived.			
SHEBOYGAN TO PT WASHINGTON WI COUNTY	1.4 E SHEBOYGAN [43.75	, -87.69]		
C	06/19/09 00:00 CST		0	Marine Thunderstorm Wind (MG 38 kt)
C	06/19/09 00:00 CST		0	Source: C-MAN Station
WIND PT LT WI TO WINTHROP HBR IL COUNTY 1	- · · ·	-87.81]		
C	06/19/09 00:40 CST		0	Marine Thunderstorm Wind (MG 44 kt)
(06/19/09 00:40 CST		0	Source: C-MAN Station
A surge of warm, moist air advection at the nose of the nearshore waters of Lake Michigan. Thundersto			-	torms which moved over
the nearshore waters of Lake Michigan. Thundersto			-	torms which moved over
the nearshore waters of Lake Michigan. Thundersto			-	torms which moved over
the nearshore waters of Lake Michigan. Thundersto			-	torms which moved over
the nearshore waters of Lake Michigan. Thunderstowns of Lake Michigan. Thunderstown of Lake Michigan. The Lake Michigan of Lake Michigan. The Lake Michigan of Lake Mich			-	torms which moved over Hail (1.00 in)
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09]	orm wind gusts to around		enerated.	
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09]	orm wind gusts to around		enerated.	Hail (1.00 in)
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09]	06/08/09 13:21 CST 06/08/09 13:21 CST	40 knots were g	o 0	Hail (1.00 in) Source: Amateur Radio
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8	40 knots were g	O O	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt)
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3	06/08/09 13:21 CST 06/08/09 13:21 CST	40 knots were g	o 0	Hail (1.00 in) Source: Amateur Radio
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large	40 knots were go	O O O	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large	40 knots were go	O O O	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large and then southeast Jeffers	40 knots were go	O O O	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large and then southeast Jeffers	40 knots were go	O O O	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large and then southeast Jeffers	40 knots were go	0 0 0 0 ooted or damaged.	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter The swath was about 4 miles wide.
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3 A swath of thunderstorm wind damage raked northeast This event continued into northwest Walworth County GREEN COUNTY 1.0 S BRODHEAD [42.61, -89.37]	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large and then southeast Jeffers 7] 06/08/09 13:54 CST 06/08/09 13:54 CST	40 knots were go	0 0 0 ooted or damaged.	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter The swath was about 4 miles wide. Hail (1.00 in)
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3 A swath of thunderstorm wind damage raked northeast This event continued into northwest Walworth County GREEN COUNTY 1.0 S BRODHEAD [42.61, -89.37] (COUNTY 1.0 S BRODHEAD [42.61, -89.37] (COUNTY 1.0 S BRODHEAD [42.61, -89.37]	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large and then southeast Jeffers 7] 06/08/09 13:54 CST 06/08/09 13:54 CST	40 knots were go	0 0 0 ooted or damaged.	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter The swath was about 4 miles wide. Hail (1.00 in) Source: Trained Spotter
WISCONSIN, Southeast DANE COUNTY 3.4 SSE UTICA [42.92, -89.09] ROCK COUNTY 5.0 E NEWVILLE [42.83, -88.92], 3 A swath of thunderstorm wind damage raked northeast This event continued into northwest Walworth County GREEN COUNTY 1.0 S BRODHEAD [42.61, -89.37] (0) WALWORTH COUNTY 2.0 W WHITEWATER [42.8]	06/08/09 13:21 CST 06/08/09 13:21 CST 06/08/09 13:21 CST 3.0 NE LIMA CENTER [42.8 06/08/09 13:45 CST 06/08/09 14:00 CST st Rock County. Many large and then southeast Jeffers 7] 06/08/09 13:54 CST 06/08/09 13:54 CST	40 knots were go	0 0 0 ooted or damaged.	Hail (1.00 in) Source: Amateur Radio Thunderstorm Wind (EG 56 kt) Source: Trained Spotter The swath was about 4 miles wide. Hail (1.00 in)

This event is a continuation of a swath of thunderstorm wind damage that affected northeast Rock County and northwest Walworth County. Many large trees were damaged or uprooted in southeast Jefferson County. The swath was about 4 miles wide.

0

0

A swath of thundersrtorm wind damaged affected northwest Walworth County. The swath was about 4 miles wide. At least 200 trees were uprooted in the Whitewater area, and two vehicles (\$estimated \$10K in damage) were damaged by tree debris. The tree debris also knocked out a couple feeder power-lines that resulted in 3800 customers losing electrical power. This swath started in northeast Rock County and ended in southeast Jefferson

WALWORTH COUNTY --- 1.0 NNE TROY CENTER [42.83, -88.46], LAKE BEULAH [42.82, -88.32]

JEFFERSON COUNTY --- 3.0 ENE WHITEWATER [42.85, -88.68], 2.0 SE PALMYRA [42.86, -88.57]

06/08/09 14:10 CST

06/08/09 14:20 CST

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Thunderstorm Wind (EG 56 kt)

Source: Trained Spotter

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/08/09 14:21 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/08/09 14:35 CST		0	Source: Trained Spotter
A swath of thunderstorm wind damage or damaged. TA roof on a home in Eas	was reported in northeast Walworth Co st Troy was damaged by tree debris.	unty. The swath w	as about 2 miles w	vide. Many large trees were uprooted
WAUKESHA COUNTY 1.8 WSW MU	JKWONAGO [42.86, -88.36], 1.5 E MUK	WONAGO [42.87,		Torodo (EEO 1 · 2.15 mi .W/ .100 vd.)
	06/08/09 14:38 CST 06/08/09 14:42 CST		0	Tornado (EF0, L: 3.15 mi , W: 100 yd) Source: NWS Storm Survey
developed a mesocyclone when it cross Phantom Lake and tracked just north of east of the city. Damage was limited to	sed the Jefferson-Waukesha County lin f east through the city of Mukwanago ar	e west of the villaged dissipated near to the winds were expense.	e of Eagle. The to the intersection of the estimated at 56 to 6	the Mukwanago River and the Fox River 61 knots (65-70 mph). The average path
RACINE COUNTY WATERFORD [42	2.77, -88.22]			
	06/08/09 14:45 CST		0	Thunderstorm Wind (EG 50 kt)
	06/08/09 14:45 CST		0	Source: Law Enforcement
Several large trees were blown down by	y thunderstorm winds in Waterford.			
WAUKESHA COUNTY MUKWONAG	GO [42.87, -88.33]			
	06/08/09 14:47 CST		0	Hail (1.50 in)
	06/08/09 14:47 CST		0	Source: Law Enforcement
	VENOCUA 140 50 07 001			
KENOSHA COUNTY DOWNTOWN I	KENUSHA 142.5887.831			
KENOSHA COUNTY DOWNTOWN F	06/08/09 15:30 CST		0	Thunderstorm Wind (EG 50 kt)
KENOSHA COUNTY DOWNTOWN F			0	Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Several large trees were blown down in	06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area.	warm soctor abou	0	Source: Law Enforcement
Several large trees were blown down in A line of severe thunderstorms develor system. These storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 o values of 1000-1500 J/kg continued to upper 70s with dewpoints in the midd	06/08/09 15:30 CST 06/08/09 15:30 CST of the downtown area. oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchetotal of 5800 customers lost electrical of these customers were in the city of the fuel the storms as they moved acrositle to upper 60s.	es in diameter, an power due to tree Whitwater (Walwo	0 ad of an approach d a weak EFO torr debris impacting rth Co.). Warm, m	Source: Law Enforcement sing low pressure nado that spun up near power-lines across loist air and MLCAPE
Several large trees were blown down in A line of severe thunderstorms develor system. These storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 o values of 1000-1500 J/kg continued to upper 70s with dewpoints in the midd	06/08/09 15:30 CST 06/08/09 15:30 CST of the downtown area. oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchetotal of 5800 customers lost electrical of these customers were in the city of the fuel the storms as they moved acrosolle to upper 60s.	es in diameter, an power due to tree Whitwater (Walwo	o ad of an approach d a weak EFO torr debris impacting th Co.). Warm, m nsin. Surface air t	Source: Law Enforcement sing low pressure nado that spun up near power-lines across soist air and MLCAPE temperatures were in the
Several large trees were blown down in A line of severe thunderstorms develors system. These storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 ovalues of 1000-1500 J/kg continued to upper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.56]	06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. oped over southwest Wisconsin in the naging winds, large hail up to 1.5 inch total of 5800 customers lost electrical of these customers were in the city of to fuel the storms as they moved acrosule to upper 60s. 0] 06/18/09 22:20 CST 06/18/09 22:25 CST	es in diameter, an power due to tree Whitwater (Walwo	o ad of an approach d a weak EFO torr debris impacting rth Co.). Warm, m nsin. Surface air t	Source: Law Enforcement sing low pressure nado that spun up near power-lines across loist air and MLCAPE temperatures were in the Hail (2.75 in)
Several large trees were blown down in A line of severe thunderstorms develors by the Markense storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 of values of 1000-1500 J/kg continued to the upper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.50]. Hail increased from 1.75" at 22:23 to 2.	06/08/09 15:30 CST 06/08/09 15:30 CST In the downtown area. Oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchitotal of 5800 customers lost electrical of these customers were in the city of the of upper 60s. O] 06/18/09 22:20 CST 06/18/09 22:25 CST 75" at 22:25.	es in diameter, an power due to tree Whitwater (Walwoi s southern Wiscoi	od of an approach d a weak EFO torr debris impacting th Co.). Warm, m nsin. Surface air t	Source: Law Enforcement sing low pressure nado that spun up near power-lines across noist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement
Several large trees were blown down in A line of severe thunderstorms develors system. These storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 o values of 1000-1500 J/kg continued to upper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.50]. Hail increased from 1.75" at 22:23 to 2.	06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchetotal of 5800 customers lost electrical of these customers were in the city of the of the storms as they moved acrossile to upper 60s. O] 06/18/09 22:20 CST 06/18/09 22:25 CST	es in diameter, an power due to tree Whitwater (Walwoi s southern Wiscoi	od of an approach d a weak EFO torr debris impacting rth Co.). Warm, m nsin. Surface air t	Source: Law Enforcement ning low pressure nado that spun up near power-lines across noist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement Tornado (EFO, L: 0.46 mi , W: 50 yd)
Several large trees were blown down in A line of severe thunderstorms develors by the Markense storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 of values of 1000-1500 J/kg continued to the upper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.50]. Hail increased from 1.75" at 22:23 to 2.	06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchitotal of 5800 customers lost electrical of these customers were in the city of the original of the storms as they moved across lie to upper 60s. of 18/09 22:20 CST 06/18/09 22:25 CST 75" at 22:25.	es in diameter, an power due to tree Whitwater (Walwoi s southern Wiscoi	od of an approach d a weak EFO torr debris impacting th Co.). Warm, m nsin. Surface air t	Source: Law Enforcement sing low pressure nado that spun up near power-lines across noist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement
Several large trees were blown down in A line of severe thunderstorms develors by the Market of Severe thunderstorms develors by the Market of Severe thunderstorms develors by the Market of Market	06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchitotal of 5800 customers lost electrical of these customers were in the city of the original of the storms as they moved across lie to upper 60s. of 18/09 22:20 CST 06/18/09 22:25 CST 75" at 22:25.	es in diameter, an power due to tree Whitwater (Walwoi s southern Wiscon 43.06, -90.27] Highland. A few lat 25 yards. Maximu	ad of an approach d a weak EFO torr debris impacting rth Co.). Warm, m nsin. Surface air t 0 0 0 rge trees were uprum wind speeds we	Source: Law Enforcement sing low pressure nado that spun up near power-lines across noist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement Tornado (EF0, L: 0.46 mi , W: 50 yd) Source: NWS Storm Survey cooted or damaged around the ere estimated at 56 to 61 knots (65-70
Several large trees were blown down in A line of severe thunderstorms develors system. These storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 of values of 1000-1500 J/kg continued to upper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.50]. Hail increased from 1.75" at 22:23 to 2. IOWA COUNTY 0.4 SSW PINE KNO A brief, weak, minimal EFO tornado spuintersection of CTH P and Council Bluff mph). The path compass bearing was DOD2.	06/08/09 15:30 CST 06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. Oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchetotal of 5800 customers lost electrical of these customers were in the city of the original of the storms as they moved acrossile to upper 60s. O] 06/18/09 22:20 CST 06/18/09 22:25 CST 75" at 22:25. OB [43.06, -90.28], 0.6 SE PINE KNOB [406/18/09 22:27 CST 06/18/09 22:28 CST un up around 5 miles east-northeast of 16 fs Road. Average path width was about 100 degrees. The beginning and endire	es in diameter, an power due to tree Whitwater (Walwoi s southern Wiscon 43.06, -90.27] Highland. A few lat 25 yards. Maximu	ad of an approach d a weak EFO torr debris impacting rth Co.). Warm, m nsin. Surface air t 0 0 0 rge trees were uprum wind speeds we	Source: Law Enforcement sing low pressure nado that spun up near power-lines across noist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement Tornado (EF0, L: 0.46 mi , W: 50 yd) Source: NWS Storm Survey cooted or damaged around the ere estimated at 56 to 61 knots (65-70
Several large trees were blown down in A line of severe thunderstorms develors system. These storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 of values of 1000-1500 J/kg continued to upper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.50]. Hail increased from 1.75" at 22:23 to 2. IOWA COUNTY 0.4 SSW PINE KNO	06/08/09 15:30 CST 06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. Oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchetotal of 5800 customers lost electrical of these customers were in the city of the original of the storms as they moved acrossile to upper 60s. O] 06/18/09 22:20 CST 06/18/09 22:25 CST 75" at 22:25. OB [43.06, -90.28], 0.6 SE PINE KNOB [406/18/09 22:27 CST 06/18/09 22:28 CST un up around 5 miles east-northeast of 16 fs Road. Average path width was about 100 degrees. The beginning and endire	es in diameter, an power due to tree Whitwater (Walwoi s southern Wiscon 43.06, -90.27] Highland. A few lat 25 yards. Maximu	ad of an approach d a weak EFO torr debris impacting rth Co.). Warm, m nsin. Surface air t 0 0 0 rge trees were uprum wind speeds we	Source: Law Enforcement sing low pressure nado that spun up near power-lines across noist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement Tornado (EF0, L: 0.46 mi , W: 50 yd) Source: NWS Storm Survey cooted or damaged around the ere estimated at 56 to 61 knots (65-70
Several large trees were blown down in A line of severe thunderstorms develors system. These storms produced dan Mukwonago in Waukesha County. A southeast Wisconsin. At least 3800 of values of 1000-1500 J/kg continued to upper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.50]. Hail increased from 1.75" at 22:23 to 2. IOWA COUNTY 0.4 SSW PINE KNO A brief, weak, minimal EFO tornado spuintersection of CTH P and Council Bluff mph). The path compass bearing was DOD2.	06/08/09 15:30 CST 06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. Oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchetotal of 5800 customers lost electrical of these customers were in the city of the fuel the storms as they moved acrosole to upper 60s. Open 18/09 22:20 CST 06/18/09 22:25 CST 75" at 22:25. Open 18/09 22:27 CST 06/18/09 22:28 CST Unu up around 5 miles east-northeast of 16 is Road. Average path width was about 100 degrees. The beginning and endirest.	es in diameter, an power due to tree Whitwater (Walwoi s southern Wiscon 43.06, -90.27] Highland. A few lat 25 yards. Maximu	od of an approach da weak EFO torr debris impacting th Co.). Warm, masin. Surface air to 0 0 0 0 crge trees were uprum wind speeds we 16442/-90.28184 air 16442/-90.28184 air 16442/-90.28184 air 16442/-90.28184 air 16442/-90.28184	Source: Law Enforcement ling low pressure nado that spun up near power-lines across loist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement Tornado (EF0, L: 0.46 mi , W: 50 yd) Source: NWS Storm Survey looted or damaged around the lere estimated at 56 to 61 knots (65-70 and 43.06312/-90.27297. DI#27(TH),
Several large trees were blown down in A line of severe thunderstorms develors by the Severe t	06/08/09 15:30 CST 06/08/09 15:30 CST 06/08/09 15:30 CST in the downtown area. Oped over southwest Wisconsin in the maging winds, large hail up to 1.5 inchetotal of 5800 customers lost electrical of these customers were in the city of the five the storms as they moved acrostle to upper 60s. Open 18/09 22:20 CST 06/18/09 22:25 CST 75" at 22:25. Open 18 [43.06, -90.28], 0.6 SE PINE KNOB [406/18/09 22:27 CST 06/18/09 22:28 CST Unumper 190. Unumper 190. Unumper 190. Open 190.	es in diameter, an power due to tree Whitwater (Walwois southern Wiscon 43.06, -90.27] Highland. A few late 25 yards. Maximung points were 43.0	ad of an approach d a weak EFO torr debris impacting th Co.). Warm, m isin. Surface air to 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement ling low pressure nado that spun up near power-lines across loist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement Tomado (EF0, L: 0.46 mi , W: 50 yd) Source: NWS Storm Survey looted or damaged around the lere estimated at 56 to 61 knots (65-70 and 43.06312/-90.27297. DI#27(TH),
Several large trees were blown down in A line of severe thunderstorms develors by the Severe thunderstorms develors. These storms produced dam Mukwonago in Waukesha County. A secontheast Wisconsin. At least 3800 of values of 1000-1500 J/kg continued to supper 70s with dewpoints in the midd DANE COUNTY DANE [43.25, -89.50]. Hail increased from 1.75" at 22:23 to 2. TOWA COUNTY 0.4 SSW PINE KNOWA COUNTY 0.4 SSW PINE KNOWA DOWN The path compass bearing was DOD2.	06/08/09 15:30 CST 06/08/09 15:30 CST 06/08/09 15:30 CST In the downtown area. In the dow	es in diameter, an power due to tree Whitwater (Walwois southern Wiscon 43.06, -90.27] Highland. A few late 25 yards. Maximung points were 43.0	ad of an approach d a weak EFO torr debris impacting th Co.). Warm, m isin. Surface air to 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Source: Law Enforcement ling low pressure nado that spun up near power-lines across loist air and MLCAPE temperatures were in the Hail (2.75 in) Source: Law Enforcement Tomado (EF0, L: 0.46 mi , W: 50 yd) Source: NWS Storm Survey looted or damaged around the lere estimated at 56 to 61 knots (65-70 and 43.06312/-90.27297. DI#27(TH),

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Many reports of toppled trees and damaged po	wer-lines were received from w	ithin and near Dod	geville to a couple	miles east of Mineral Point.
OWA COUNTY 5.0 NW RIDGEWAY [43.05,	-			H-1/4/ 00 (-)
	06/18/09 23:00 CST		0	Hail (1.00 in)
	06/18/09 23:00 CST		0	Source: Amateur Radio
OWA COUNTY MINERAL PT [42.85, -90.18	-			
	06/18/09 23:00 CST		0	Hail (1.75 in)
	06/18/09 23:00 CST		0	Source: Law Enforcement
OWA COUNTY 5.0 SE DODGEVILLE [42.9:	2, -90.06]			
	06/18/09 23:02 CST		0	Hail (2.50 in)
	06/18/09 23:02 CST		0	Source: Trained Spotter
DWA COUNTY DODGEVILLE [42.97, -90.1	31			
• . ,	06/18/09 23:04 CST		0	Hail (1.00 in)
	06/18/09 23:04 CST		0	Source: Law Enforcement
OWA COUNTY DODGEVILLE [42.97, -90.1	31			
	06/18/09 23:04 CST		0	Thunderstorm Wind (EG 65 kt)
	06/18/09 23:04 CST		0	Source: Law Enforcement
An entire grove of trees was toppled.				
DANE COUNTY 2.0 NE SUN PRAIRIE [43.2	0, -89.17], 2.0 NW SUN PRAIRI	E [43.20, -89.23]. 2	.0 W DOWNTOWN	I MADISON [43.07, -89.46], 2.0 E
		,		• ,
DOWN TOWN MADISON [43.07, -09.30]	00/40/00 22:05 007		OFIX	Floob Flood (due to Hoovy Poin)
JOWN 1 OWN MADISON [43.07, -09.36]	06/18/09 23:05 CST		25K	Flash Flood (due to Heavy Rain)
DOWNTOWN MADISON [45.07, -65.36]	06/18/09 23:05 CST 06/19/09 03:00 CST		25K 0	Flash Flood (due to Heavy Rain) Source: Trained Spotter
Heavy rainfalls of 1 to 3 inches (estimate based	06/19/09 03:00 CST d on radar and reports) in the Ma		0	Source: Trained Spotter
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57]		0 rie area resulted in	Source: Trained Spotter flash flooding. Many streets and roads
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were		0	Source: Trained Spotter
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were (3.39, -88.57) 06/18/09 23:05 CST 06/18/09 23:05 CST	reported.	0 rie area resulted in 0 0	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt)
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4]	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST addrestorm winds. One road was	reported.	0 rie area resulted in 0 0	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt)
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4]	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST addrestorm winds. One road was	reported.	0 rie area resulted in 0 0	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt)
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4]	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST adderstorm winds. One road was	reported.	0 rie area resulted in 0 0 ebris.	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST derstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST	reported.	0 rie area resulted in 0 0 ebris.	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt)
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50] Seveal large trees blown down by thunderstorn	06/19/09 03:00 CST d on radar and reports) in the Migravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST derstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST	reported.	0 rie area resulted in 0 0 ebris.	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt)
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50] Seveal large trees blown down by thunderstorn	06/19/09 03:00 CST d on radar and reports) in the Migravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST derstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST	reported.	0 rie area resulted in 0 0 ebris.	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt)
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50] Seveal large trees blown down by thunderstorn	06/19/09 03:00 CST d on radar and reports) in the Migravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST derstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST n winds.	reported.	0 0 0 0 ebris.	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50 Seveal large trees blown down by thunderstorm OWA COUNTY HOLLANDALE [42.87, -89.9	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST adderstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST m winds. 93] 06/18/09 23:23 CST 06/18/09 23:23 CST	reported.	0 0 0 0 ebris. 0 0	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
Heavy rainfalls of 1 to 3 inches (estimate based vere flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50] Seveal large trees blown down by thunderstorm OWA COUNTY HOLLANDALE [42.87, -89.9]	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST adderstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST m winds. 93] 06/18/09 23:23 CST 06/18/09 23:23 CST	reported.	0 0 0 0 ebris. 0 0	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt) Source: Law Enforcement
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50 Seveal large trees blown down by thunderstorm OWA COUNTY HOLLANDALE [42.87, -89.9	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST adderstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST m winds. 93] 06/18/09 23:23 CST 06/18/09 23:23 CST	reported.	0 o o o ebris. 0 o o	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Hail (2.00 in) Source: Amateur Radio
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50 Seveal large trees blown down by thunderstorm OWA COUNTY HOLLANDALE [42.87, -89.50 NAUKESHA COUNTY 3.0 SW DOWNTOWN	06/19/09 03:00 CST d on radar and reports) in the Magravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST adderstorm winds. One road was 06/18/09 23:20 CST 06/18/09 23:20 CST m winds. 06/18/09 23:23 CST 06/18/09 23:23 CST	reported.	0 rie area resulted in 0 0 0 ebris. 0 0 0 5K	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Hail (2.00 in) Source: Amateur Radio
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50] Seveal large trees blown down by thunderstorn OWA COUNTY HOLLANDALE [42.87, -89.9]	06/19/09 03:00 CST d on radar and reports) in the Migravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST derstorm winds. One road was 0 06/18/09 23:20 CST 06/18/09 23:20 CST n winds. 93] 06/18/09 23:23 CST 06/18/09 23:23 CST 06/18/09 23:35 CST 06/18/09 23:35 CST 06/18/09 23:35 CST	reported.	0 rie area resulted in 0 0 0 ebris. 0 0 0 5K	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Hail (2.00 in) Source: Amateur Radio
Heavy rainfalls of 1 to 3 inches (estimate based were flooded to a depth of 1 to 3 feet. Several DODGE COUNTY 2.0 WSW IRON RIDGE [4] Several large trees were blown down from thur DANE COUNTY MIDDLETON [43.10, -89.50] Several large trees blown down by thunderstorm OWA COUNTY HOLLANDALE [42.87, -89.9] WAUKESHA COUNTY 3.0 SW DOWNTOWN Several large trees were toppled and a couple ROCK COUNTY EVANSVILLE [42.78, -89.3]	06/19/09 03:00 CST d on radar and reports) in the Migravel shoulder washouts were 3.39, -88.57] 06/18/09 23:05 CST 06/18/09 23:05 CST derstorm winds. One road was 0 06/18/09 23:20 CST 06/18/09 23:20 CST n winds. 93] 06/18/09 23:23 CST 06/18/09 23:23 CST 06/18/09 23:35 CST 06/18/09 23:35 CST 06/18/09 23:35 CST	reported.	0 rie area resulted in 0 0 0 ebris. 0 0 0 5K	Source: Trained Spotter flash flooding. Many streets and roads Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Thunderstorm Wind (EG 56 kt) Source: Law Enforcement Hail (2.00 in) Source: Amateur Radio

Seveal large trees were toppled and a couple power-lines down sustained damage due to tree debris. A tree fell on a car.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JEFFERSON COUNTY 4.0 ENE FT ATKINS				
	06/18/09 23:50 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/18/09 23:50 CST		0	Source: Law Enforcement
few large trees were toppled and power-line	were down due to tree debris.			
ENOSHA COUNTY 0.2 NW DOWNTOWN	=			Thursday Law World (FO FOLD)
	06/18/09 23:58 CST		0	Thunderstorm Wind (EG 56 kt)
	06/18/09 23:58 CST		0	Source: Law Enforcement
few large trees were toppled.				
ACINE COUNTY 4.0 E WIND LAKE [42.8	•			
	06/19/09 00:03 CST		0	Thunderstorm Wind (EG 52 kt)
	06/19/09 00:03 CST		0	Source: Amateur Radio
A few large trees were toppled.				
RACINE COUNTY 3.0 W UNION GROVE [4	1 2.68, -88.11]			
	06/19/09 00:05 CST		0	Funnel Cloud
	06/19/09 00:05 CST		0	Source: Trained Spotter
RACINE COUNTY 4.0 SW DOWNTOWN RA	ACINE [42.6887.861. 3.0 W DO	WNTOWN RACINI	E [42.7287.861	
	06/19/09 00:06 CST		0	Thunderstorm Wind (EG 56 kt)
	06/19/09 00:11 CST		0	Source: Amateur Radio
GREENFIELD [42.94, -87.99]	06/19/09 00:10 CST 06/19/09 03:00 CST		5K 0	Flash Flood (due to Heavy Rain) Source: Storm Chaser
Numerous reports of flash flooding were receidepth of 1 to 3 feet, and there was standing wars sustained water damage.				
NALWORTH COUNTY MILLARD [42.73, -	=			
	06/19/09 00:10 CST		0	Thunderstorm Wind (EG 56 kt)
	06/19/09 00:10 CST		0	Source: Law Enforcement
A few large trees were blown down by thunde	rstorm winds.			
WAUKESHA COUNTY 3.0 NNW DOWNTO	WN WAUKESHA [43.06, -88.24],	, BROOKFIELD [4:	3.07, -88.15], 4.0	E BROOKFIELD [43.07, -88.07], NEW
BERLIN [42.98, -88.12]	06/19/09 00:10 CST		0.12M	Flash Flood (due to Heavy Rain)
	06/19/09 03:00 CST		0	Source: Amateur Radio
Numerous reports of first first discussion	und from the Mouleach - to Decil	field and Nam Dad	lin araga A secon	nle gravel shoulder weeke ute ···
Numerous reports of flash flooding were receireported, and some minor damage to baseme damaged by flood waters (\$100K).			-	• •
RACINE COUNTY 4.0 N UNION GROVE [4			0	Thunderstorm Wind /FO 50 I4V
	06/19/09 00:20 CST 06/19/09 00:20 CST		0	Thunderstorm Wind (EG 59 kt) Source: Trained Spotter
Several large trees blown down by thundersto		ted on several stre		,
KENOSHA COUNTY 1.8 SW DOWNTOWN	KENOSHA [42.56, -87.86] 06/19/09 01:03 CST		0	Thunderstorm Wind (EG 56 kt)
	06/10/00 01:03 CST			Course Law Enforcement

06/19/09 01:03 CST

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Source: Law Enforcement

0

Delighthing struck a home shortly after 0200 CST. The resultant fire damaged an upstairs bedroom. The strike. A warm front set up across far southern Wisconsin on the afternoon of June 18th as an upper level the Upper Midwest. A line of severe thunderstorms formed in an area of very warm, unstable air a southeast Wisconsin overnight. With surface dewpoints near 70, MLCAPE values near 3000 J/kg, produced damaging winds, large hail up to 2.75 inches in diameter, dangerous lightning, and a wedumped very heavy rain up to 4 inches over a relatively short period of time, causing numerous rewalkesha, and Milwaukee counties. At the height of the storms, about 27,000 households were well-wisconsin due to damaged power-lines. LAFAYETTE COUNTY BENTON [42.57, -90.38]	rel disturbance mand moved throu, and strong wine eak tornado. The eports of flash fl without electricit	moved eastward into ugh south-central and id shear, the storms ese thunderstorms also flooding across Dane,
06/19/09 02:05 CST 2 06/19/09 02:05 CST 0 06/19/09 02:05 CST 0 03/19/09 02:05 CST 0 05/19/09 02:05 CST 0 06/19/09 03:05 CST 0	ne homes elecrica rel disturbance m and moved throu, and strong wine eak tornado. The eports of flash fl without electricit	Source: Newspaper al system was fried by the lightning moved eastward into ugh south-central and ad shear, the storms ese thunderstorms also flooding across Dane, ty in southeastern Thunderstorm Wind (EG 65 kt) Source: Public
06/19/09 02:05 CST 0 Lighthing struck a home shortly after 0200 CST. The resultant fire damaged an upstairs bedroom. The strike. A warm front set up across far southern Wisconsin on the afternoon of June 18th as an upper leve the Upper Midwest. A line of severe thunderstorms formed in an area of very warm, unstable air a southeast Wisconsin overnight. With surface dewpoints near 70, MLCAPE values near 3000 J/kg, produced damaging winds, large hail up to 2.75 inches in diameter, dangerous lightning, and a we dumped very heavy rain up to 4 inches over a relatively short period of time, causing numerous re Waukesha, and Milwaukee counties. At the height of the storms, about 27,000 households were we wisconsin due to damaged power-lines. LAFAYETTE COUNTY BENTON [42.57, -90.38] 06/19/09 07:55 CST 06/19/09 07:55 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:25 CST 06/19/09 08:35 CST 06/19/09 08:35 CST 06/19/09 08:35 CST 06/19/09 08:52 CST	ne homes elecrica rel disturbance m and moved throu, and strong wine eak tornado. The eports of flash fl without electricit	Source: Newspaper al system was fried by the lightning moved eastward into ugh south-central and ad shear, the storms ese thunderstorms also flooding across Dane, ty in southeastern Thunderstorm Wind (EG 65 kt) Source: Public
Lighthing struck a home shortly after 0200 CST. The resultant fire damaged an upstairs bedroom. The strike. A warm front set up across far southern Wisconsin on the afternoon of June 18th as an upper levit the Upper Midwest. A line of severe thunderstorms formed in an area of very warm, unstable air a southeast Wisconsin overnight. With surface dewpoints near 70, MLCAPE values near 3000 J/kg, produced damaging winds, large hall up to 2.75 inches in diameter, dangerous lightning, and a we dumped very heavy rain up to 4 inches over a relatively short period of time, causing numerous re Waukesha, and Milwaukee counties. At the height of the storms, about 27,000 households were well-disconsin due to damaged power-lines. LAFAYETTE COUNTY BENTON [42.57, -90.38] 06/19/09 07:55 CST 06/19/09 07:55 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:35 CST 06/19/09 08:52 CST	rel disturbance mand moved throu, and strong wine eak tornado. The eports of flash fl without electricit	moved eastward into ugh south-central and id shear, the storms ese thunderstorms also flooding across Dane, ty in southeastern Thunderstorm Wind (EG 65 kt) Source: Public
A warm front set up across far southern Wisconsin on the afternoon of June 18th as an upper level the Upper Midwest. A line of severe thunderstorms formed in an area of very warm, unstable air a southeast Wisconsin overnight. With surface dewpoints near 70, MLCAPE values near 3000 J/kg, produced damaging winds, large hail up to 2.75 inches in diameter, dangerous lightning, and a we dumped very heavy rain up to 4 inches over a relatively short period of time, causing numerous rewards, and Milwaukee counties. At the height of the storms, about 27,000 households were well wisconsin due to damaged power-lines. AFAYETTE COUNTY BENTON [42.57, -90.38] 06/19/09 07:55 CST 06/19/09 07:55 CST 06/19/09 07:55 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:35 CST 06/19/09 08:35 CST 06/19/09 08:35 CST 06/19/09 08:35 CST 06/19/09 08:52 CST	el disturbance mand moved throu, and strong wineeak tornado. The eports of flash fl without electricit	moved eastward into ugh south-central and id shear, the storms ese thunderstorms also clooding across Dane, ty in southeastern Thunderstorm Wind (EG 65 kt) Source: Public
the Upper Midwest. A line of severe thunderstorms formed in an area of very warm, unstable air a southeast Wisconsin overnight. With surface dewpoints near 70, MLCAPE values near 3000 J/kg, produced damaging winds, large hail up to 2.75 inches in diameter, dangerous lightning, and a we dumped very heavy rain up to 4 inches over a relatively short period of time, causing numerous re Naukesha, and Milwaukee counties. At the height of the storms, about 27,000 households were we wisconsin due to damaged power-lines. AFAYETTE COUNTY BENTON [42.57, -90.38] 06/19/09 07:55 CST 06/19/09 07:55 CST 06/19/09 07:55 CST 06/19/09 07:55 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:35 CST 06/19/09 08:52 CST	and moved throug and strong wineak tornado. The eports of flash flwithout electricit	ugh south-central and id shear, the storms ese thunderstorms also flooding across Dane, ty in southeastern Thunderstorm Wind (EG 65 kt) Source: Public
06/19/09 07:55 CST 00/19/09 07:55 CST 00/19/09 07:55 CST 00/19/09 07:55 CST 00/19/09 08:28 CST 06/19/09 08:35 CST 06/19/09 08:52 CST 06/19/09 08:5)	Source: Public Thunderstorm Wind (EG 56 kt)
O6/19/09 07:55 CST O6/19/09 07:55 CST O6/19/09 07:55 CST O6/19/09 08:28 CST O6/19/09 08:35 CST O6/19/09 08:52 CST O6/19/09 O8:52 CST O6/19/09 O8:52 CST O6/19/09 O8:52 CST O6/19/09 O8:52 CST)	Source: Public Thunderstorm Wind (EG 56 kt)
Several large trees were toppled and a power pole was bent by powerful thunderstorm winds. LAFAYETTE COUNTY 2.0 W SHULLSBURG [42.57, -90.27] 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:28 CST 06/19/09 08:35 CST 06/19/09 08:52 CST)	Thunderstorm Wind (EG 56 kt)
LAFAYETTE COUNTY 2.0 W SHULLSBURG [42.57, -90.27] 06/19/09 08:28 CST)	· · · ·
06/19/09 08:28 CST 0 06/19/09 08:28 CST 0 Several large trees were blown down by thunderstorm winds. GREEN COUNTY 2.0 N BROWNTOWN [42.61, -89.82] 06/19/09 08:35 CST 0 06/19/09 08:35 CST 0 Seveal large trees blown down by thunderstorm winds. GREEN COUNTY 6.0 NE MONROE [42.66, -89.55] 06/19/09 08:52 CST 0 06/19/09 08:52 CST 0 Seveal large trees blown down by thunderstorm winds.)	· · · ·
06/19/09 08:28 CST 0 Several large trees were blown down by thunderstorm winds. GREEN COUNTY 2.0 N BROWNTOWN [42.61, -89.82] 06/19/09 08:35 CST 0 06/19/09 08:35 CST 0 Seveal large trees blown down by thunderstorm winds. GREEN COUNTY 6.0 NE MONROE [42.66, -89.55] 06/19/09 08:52 CST 0 06/19/09 08:52 CST 0 Seveal large trees blown down by thunderstorm winds. Another upper-level disturbance produced scattered severe thunderstorms over south central Wise)	· · · ·
Several large trees were blown down by thunderstorm winds. GREEN COUNTY 2.0 N BROWNTOWN [42.61, -89.82] 06/19/09 08:35 CST 06/19/09 08:35 CST 0 Seveal large trees blown down by thunderstorm winds. GREEN COUNTY 6.0 NE MONROE [42.66, -89.55] 06/19/09 08:52 CST 06/19/09 08:52 CST 0 Seveal large trees blown down by thunderstorm winds.		Source: Public
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GREEN COUNTY 6.0 NE MONROE [42.66, -89.55] 06/19/09 08:52 CST 06/19/09 08:52 CST 0 Seveal large trees blown down by thunderstorm winds. Another upper-level disturbance produced scattered severe thunderstorms over south central Wise		Thunderstorm Wind (EG 56 kt)
GREEN COUNTY 6.0 NE MONROE [42.66, -89.55] 06/19/09 08:52 CST 06/19/09 08:52 CST 0 Oeveal large trees blown down by thunderstorm winds. Another upper-level disturbance produced scattered severe thunderstorms over south central Wise)	Source: Law Enforcement
06/19/09 08:52 CST 0 06/19/09 08:52 CST 0 Seveal large trees blown down by thunderstorm winds. Another upper-level disturbance produced scattered severe thunderstorms over south central Wis		
06/19/09 08:52 CST 0 Seveal large trees blown down by thunderstorm winds. Another upper-level disturbance produced scattered severe thunderstorms over south central Wis		
Seveal large trees blown down by thunderstorm winds. Another upper-level disturbance produced scattered severe thunderstorms over south central Wis)	Thunderstorm Wind (EG 56 kt)
Another upper-level disturbance produced scattered severe thunderstorms over south central Wis)	Source: Law Enforcement
	sconsin during t	the morning on June
KENOSHA COUNTY 1.3 WNW KENOSHA AIRPORT [42.60, -87.95], 0.2 N KENOSHA AIRPORT [4		
06/19/09 16:42 CST 0		Tornado (EF0, L: 1.23 mi , W: 50 yd)
06/19/09 16:44 CST 0)	Source: NWS Storm Survey
A weak EFO tornado spun up just west of the intersection of I-94 and CTH N. It moved just south of e Kenosha Airport. Damage was limited to uprooted trees and broken tree branches. Estimated maxim Average path length was 20 yards. The compass bearing was 97 degrees. Starting and ending locat -87.92993. DI#27(TH), DOD2.	num wind speeds	s were 56 to 61 knots (65-70 mph).
KENOSHA COUNTY 1.0 N PLEASANT PRAIRIE [42.56, -87.93]		
06/19/09 16:50 CST 0)	Hail (1.00 in)
06/19/09 16:50 CST 0)	Source: Trained Spotter
KENOSHA COUNTY 2.0 N DOWNTOWN KENOSHA [42.61, -87.83], 4.0 S DOWNTOWN KENOSHA PADDOCK LAKE [42.62, -88.18]	A [42 E2 07 02]	, WILMOT [42.52, -88.18], 4.0 NW
ADDOON LANE 144.04, *00, 101	A [42.52, -67.63],	
	A [42.52, -67.65], 2.29M	Flash Flood (due to Heavy Rain)

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Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	

Heavy rains resluted in flash flooding in the southeast part of Kenosha County. Numerous streets were flooded with water depths of 2 to 4 feet, and several were impassable. Several vehicles were stranded in the flood waters and rescues were performed. Water depths were up to the windows of cars in the city of Kenosha. Interstate 94 at STH 165 was covered by water and southbound lanes were closed. STH 50 was closed from Interstate 94 east to CTH H. CTH C was closed going west from Interstate 94 due to high water levels. Several other roads were closed. Damage was noted to several culverts and road shoulders, and water lift stations/pumps were damaged in some facilities. Compounding the flooding problem was the loss of electrical service which meant sump pumps in homes didn't operate. Basement flooding was a major issue. WSR-88D Doppler radar rainfall estimates on top of a wet ground were on the order of 3 to 6 inches for a 24-hour period ending 2000 CST. Some farm fields were probably flooded, per newspaper articles, but no direct loss estimates were available. Therefore, a nominal \$200K was estimated for the purpose of this documentation.

The initial Uniform Disaster Situation Report compiled by the Kenosha County Emergency Management indicated at at least 600 homes were affected by flood waters, but had no damage, at least 590 homes had minor flood damage, at least 11 homes had major damage, and at least 1 home was destroyed, for a monetary loss of at least \$11,975,000. At least one business had major flood damage for a monetary loss of at least \$310,000. Total estimated private sector damage was at least \$12,285,000. Public sector damage inlouded about \$265,000 to road systems, \$110,000 damage to water control facilities, \$18,000 damage to public buildings & related equipment, and about \$295,000 to public utility systems, for a total public sector damage estimate of about \$683,000. Additionally, debris clearance cost about \$22,000, protective measures cost about \$57,000, and there was other \$91,000 in miscellaneous costs. These last three values are not considered direct property damage.

MILWAUKEE COUNTY --- 2.0 NW WEST ALLIS [43.02, -88.00], TIMMERMAN ARPT [43.12, -88.03], 2.0 N MILWAUKEE HOAN BRIDGE [43.06, -87.90], 2.0 S MILWAUKEE HOAN BRIDGE [43.00, -87.90]

06/19/09 17:00 CST 13.13M Flash Flood (due to Heavy Rain) 06/19/09 21:00 CST 0 Source: Law Enforcement

Heavy rains resulted in flash flooding ini parts of Milwaukee County, especially in the West Allis to Wauwatosa area east to the Downtown Milwaukee area. Many roads were covered with water to a depth of 1 to 3 feet. Basement flooding was reported. Milwaukee Mitchell Field measured 3.65 inches of rain in the 24-hour period ending 2000 CST. WSR-88D Doppler radar rainfall estimates were in the 3 to 5 inch range over parts of Milwaukee County. The City of Milwaukee sewer system was overwhelmed. High water levels on the Menomonee River jsut east of Miller Park resulted in part of an earthen berm being washed away. The subsequent flood water moved west to Miller Park and extensively flooded the lower service area, clubhouses, and part of the dugouts and warehouse. The playing field wasn't affected. Milwaukee Brewer executives said damage was in the millions, but they would not specify an amount. Therfore, for the purpose of this StormData documentation, a value of \$5 Million was assiged.

A Uniform Disaster Situation Report generated by the Milwaukee County Emergency Management indicated that at least 1227 homes sustained minor flood damage, and at least 2 homes had major damage, for a monetary loss of about \$7,079,000. Also, at least 12 businesses sustained minor flood damage and 1 had major damage for a business loss estimate of \$215,000. The total estimated private sector damage in this report was \$7,294,000. Additionally, damage in the public sector amounted to about \$40,000 to road systems, about \$25,000 to water control facilities, about \$269,000 to public buildings & related equipment, and about \$5,000 to public utility systems. The total public sector damage estimate is about \$339,000. Other costs in the report included about \$24,000 in debris clearance, about \$21,385 for protective measures, and about \$107,718 in miscellaneous expenses. However, the last three values are not considered direct property damage. Flood damage to Miller Park is not included in the Uniform report.

RACINE COUNTY --- UNION GROVE [42.68, -88.05], YORKVILLE [42.73, -88.03], DOWNTOWN RACINE [42.72, -87.80], 2.0 S ELMWOOD PARK [42.67, -87.83]

Heavy rains resulted in flash flooding over the southeast part of Racine County. Damage was inflicted on a Union Grove retentiton basin in the Industrial Park Annex. There were some reports of gravel shoulder washouts. Many roads had 1 to 3 feet of water covering the low spots. At least 3 vehicles were submerged in water in the Township of Mount Pleasant. In the city of Racine, traffic had to be diverted due to flooded roads. In Downtown Racine, 6.93 inches of rain was measured in a 24-hour period ending at 2000 CST.

The initial Uniform Disaster Situation Report generated by the Racine County Emergency Management Director indicated that 94 home were minimally affected by flood waters but the owners were unable to provide damage estimates. One home sustained minor flood damage. An estiamte of at least \$347,000 was given in the report for private sector damage. Crop damage wazs noted in the report, but no monetary value was provided. Pulbic sector damage estimates were not available in the report.

KENOSHA COUNTY --- 4.0 S DOWNTOWN KENOSHA [42.52, -87.83]

06/19/09 17:05 CST 5K Thunderstorm Wind (EG 56 kt) 06/19/09 17:15 CST 0 Source: Trained Spotter

Several large trees were uprooted by thunderstorm winds and tree debris brought down a couple power-lines.

KENOSHA COUNTY --- 2.0 W DOWNTOWN KENOSHA [42.58, -87.87]

06/19/09 17:10 CST 0 Hail (1.00 in) 06/19/09 17:10 CST 0 Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WALWORTH COUNTY ELKHORN [4	12.67, -88.55]			
	06/19/09 18:10 CST		0	Thunderstorm Wind (EG 56 kt)
	06/19/09 18:10 CST		0	Source: Law Enforcement
few large trees were toppled by thund	lerstorm winds in the area around Elkhor	rn.		
WAUKESHA COUNTY DOWNTOWN 43.00, -88.25], 2.0 SE DOWNTOWN WA	I WAUKESHA [43.02, -88.22], 2.0 W DO	WNTOWN WAUK	ESHA [43.02, -88.2	26], 2.0 SW DOWNTOWN WAUKESHA
45.00, -00.25j, 2.0 SE DOWN TOWN W	06/19/09 18:45 CST		10K	Flash Flood (due to Heavy Rain)
	06/19/09 21:00 CST		0	Source: Amateur Radio
· · ·	ed and impassable on south side of the outless and impassable outless and i	-		
VALWORTH COUNTY WHITEWATE	ER [42.83, -88.73], LAKE BEULAH [42.88 06/19/09 19:00 CST	2, -88.32], GENO	A CITY [42.50, -88.	33], 1.0 W SHARON [42.50, -88.75] Flash Flood (due to Heavy Rain)
	06/19/09 21:00 CST		0	Source: Law Enforcement
Some fast moving waters flowing over c vashouts were noted.	county roads in the township of Walworth	n. Water depths o	f 1 to 2 feet were re	eported. A couple gravel shoulder
OCK COUNTY BELOIT [42.52, -89.				
	06/19/09 19:03 CST		0	Thunderstorm Wind (EG 56 kt)
	06/19/09 19:10 CST		0	Source: Law Enforcement
evening of June 19th. This impulse, costorms to redevelop across southern \	turbances propagated northeastward a ombined with strong upper level jet dy Wisconsin. Bulk shear values of 50-60	rnamics and a ve kts, MLCAPE va	ry moist, unstable lues near 2500 J/k	atmosphere, allowed for g, and PW values near 1.8"
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Location

Date/Time

Deaths & Property & Event Type and Details

Injuries

Crop Dmg

An isolated thunderstorm cell quickly developed and spun up a weak landspout-type tornado that was spotted by the Janesville airport observer, trained spotters and the public. It began over the southwest part of Clear Lake and moved east-southeast and ended just east of STH 59. A screen porch was

spotters and the public. It began over the southwest part of Clear Lake and moved east-southeast and ended just east of STH 59. A screen porch was ripped off a mobile home trailer and some trees just south and southeast of Clear Lake were uprooted or damaged. The estimated max wind speeds of were 70-75 mph. Starting and ending location of 42.79879/-88.98358 and 42.79540/-88.96750. The compass bearing was 117 degrees. The average path width was about 15 yds. DI#3, DOD2.

A single isolated cell developed quickly in the Edgerton area of north-central Rock County, moved east-southeast, and produced a weak landspout-type tornado and wind damage northwest of the Milton area.

JEFFERSON COUNTY 5.2 SW FT ATKINSON [42.88, -88.92]					
06/25/09 16:25 CST	0.10K	Thunderstorm Wind (EG 56 kt)			
06/25/09 16:25 CST	0	Source: Public			

Thunderstorm wind gusts toppled several large trees at the Koshkonong Mounds CC golf course on the east side of Lake Koshkonong southwest of Ft. Atkinson in Jefferson County. Additionally, a tent was damaged and blew away at the Jellystone Campground on the southeast side of Lake Koshkonong.

JEFFERSON COUNTY 3.0 S FT ATKINSON [42.89, -88.85], 5.0 S FT ATKINSON [42.86, -88.85]						
	06/25/09 16:35 CST	0	Thunderstorm Wind (EG 56 kt)			
	06/25/09 16:35 CST	0	Source: Public			
Thunderstorm wind gusts toppled seve	eral large trees.					

WALWORTH COUNTY WHITEWATER [42.03, -00.75]		
06/25/09 16:46 CS	Т 0	Thunderstorm Wind (MG 54 kt)
06/25/09 16:46 CS	T 0	Source: Mesonet

Mesonet at UW Whitewater measured 62 mph wind gust. Several large trees were toppled in the Whitewater area.

A broken line of showers and thunderstorms developed from low-level convergence and a weak trough axis. MLCAPE values were near 2000-2500 J/kg, temperatures were in the upper 80s and the surface dewpoints were near 70. These storms moved through South-central Wisconsin and produced wind damage in Jefferson and Walworth counties.

COLUMBIA COUNTY 3.0 ENE PARDEEVILLE [43.55, -89.22], 3.0 NE PARDEEVILLE [43.56, -89.24]						
	06/27/09 18:48 CST	25K	Thunderstorm Wind (EG 65 kt)			
	06/27/09 18:48 CST	0	Source: Law Enforcement			
3	large trees down near STH 44 and STH 33 in inson roads. Nearby, a barn roof was torn o		ardeeville. Roof damage to a home was			

COLUMBIA COUNTY 4.0 SE CAMBRIA [43.51, -89.04]					
06/27/09 19:03 CST	5K	Thunderstorm Wind (EG 56 kt)			
06/27/09 19:03 CST	0	Source: Trained Spotter			

Thunderstorm wind gusts flattened a corn field. Also, several large trees were blown down.

WILLIEWATED (42 02 00 72)

DODGE COUNTY 3.0 S BEAVER DAM [43.43, -88.83]		
06/27/09 19:23 CST	0	Thunderstorm Wind (EG 56 kt)
06/27/09 19:23 CST	0	Source: Trained Spotter

Seveal large trees were blown down by thunderstorm winds.

A low pressure system located just north of Minnesota moved eastward over northern Wisconsin. South winds ahead of this low and an advancing strong cold front brought an increase in moisture and instability. Severe thunderstorms developed along the cold front across southern Wisconsin. Storm reports were limited to thunderstorm wind damage in Columbia and Dodge counties.

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